



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY NEWS RELEASE

Department of Toxic Substances Control

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Innovative Remedial Technology Treatment
Used for Southern California Edison Facility

Los Angeles – Citing the need to use the best available science to hasten and reduce the cost and time for environmental cleanups, Department of Toxic Substances Control Director Maureen Gorsen today announced the “un-restricted” land use certification of the California Edison Company site located at 501 South Marengo Avenue in Alhambra. The un-restricted land use certification is DTSC most conservative and enables the property owners to pursue unrestricted development for future use of the site.

Cleanup operations for this site began more than three years ago. As of March 31, 2006 all remnants of the treatment system have been removed and the established cleanup goal of 400,000 cubic feet of soil was achieved.

The certification documents can be viewed www.dtsc.ca.gov

In-Situ Thermal Treatment is a soil remediation process where contaminated soil is heated using vertical thermal wells within the treatment zone. As the soil is heated 95-99 percent of the contamination is destroyed in the subsurface with the remaining contamination being treated aboveground. The aboveground treatment consists of a thermal oxidizer, heat exchanger, and granular activated carbon (GAC). For this former wood treatment facility, 780 thermal wells were used to address contamination in soil at this 2.5 acre site.

The 33 acre Edison site, located in Alhambra, was used from 1922 through 1957. An estimated 2.5 acres of the site was used a wood treatment facility for telephone poles and cross-arms.

As a result of the wood treatment activities soils at the site became contaminated with polycyclic aromatic hydrocarbons (PAHs), the preservative pentachlorophenol (PCP), and dioxins.

Cleanup operations for this area began in February 2003 and as of March 31, 2006 all remnants of the treatment system have been removed. Using the innovative technology all of the cleanup goals were achieved for the approximate 440,000 cubic feet of soil treated.

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The Department of Toxic Substances Control's mission is to restore, protect, and enhance the environment and ensure public health, environmental quality and economic vitality by regulating hazardous waste, conducting and overseeing cleanups, and developing and promoting pollution prevention.



Caption: AOC-2 Thermal Wellfield